

Datasheet for ABIN1536744
anti-EPO antibody (C-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	EPO
Binding Specificity:	AA 155-184, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPO antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Erythropoietin antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 155-184 amino acids from the C-terminal region of human Erythropoietin.
Clone:	RB19497
Isotype:	Ig Fraction
Predicted Reactivity:	Pr, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	EPO
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Target Details

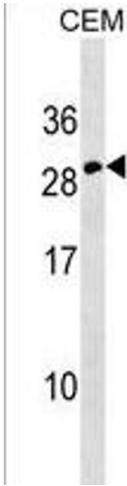
Alternative Name:	Erythropoietin (EPO Products)
Target Type:	Hormone
Background:	This gene is a member of the EPO/TPO family and encodes a secreted, glycosylated cytokine composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types. [provided by RefSeq].
Molecular Weight:	21307
Gene ID:	2056
NCBI Accession:	NP_000790
UniProt:	P01588
Pathways:	JAK-STAT Signaling , Hormone Activity , Negative Regulation of intrinsic apoptotic Signaling , Negative Regulation of Transporter Activity

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Erythropoietin Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. Erythropoietin Antibody (C-term) (ABIN1536744 and ABIN2849493) western blot analysis in CEM cell line lysates (35 µg/lane). This demonstrates the Erythropoietin antibody detected the Erythropoietin protein (arrow).